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(54) **LIQUID CRYSTAL DISPLAY DEVICE**

(71) Applicant: **DIC CORPORATION**, Tokyo (JP)

(72) Inventors: **Takeshi Kuriyama**, Kita-adachi-gun (JP); **Jouji Kawamura**, Kita-adachi-gun (JP); **Seiji Funakura**, Kamisu (JP); **Katsunori Shimada**, Sakura (JP)

(73) Assignee: **DIC CORPORATION**, Tokyo (JP)

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See application file for complete search history.

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Primary Examiner — Shean C Wu
(74) *Attorney, Agent, or Firm* — Westerman, Hattori, Daniels & Adrian, LLP

(57) **ABSTRACT**

The present invention provides a liquid crystal display device that prevents a decrease in the voltage holding ratio (VHR) and an increase in the ion density (ID) in the liquid crystal layer, and resolves the problems of display defects, such as white streaks, variations in alignment, and image sticking. Since a liquid crystal display device according to the present invention has a feature of preventing a decrease in the voltage holding ratio (VHR) and an increase in the ion density (ID) in the liquid crystal layer, and suppressing the occurrence of display defects such as image sticking, the liquid crystal display device is particularly useful for active matrix driving liquid crystal display devices with an IPS mode or an FFS mode and can be applied to liquid crystal display devices such as liquid crystal televisions, monitors, cellular phones, and smart phones.

13 Claims, 1 Drawing Sheet